Cleaning membrane separator surface - by liq . or gas-liq. mixt. into filtrate separator to backwash the membrane.

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Impurities or contaminations are removed from the surface of membrane in a filter or separator, such as microporous, ultrafiltrating, or reverse osmotic membranes assembled in a cell for sepg. a liquid such as protein in liquids under a high pressure. The object is to effectively remove contaminants to maintain the proper performance of the separator.

Liquid or gas-liquid mixt. is fed into the filtrate side of the separator to back wash the membrane by back flow through it, while a gas or gas-liquid mixt. is fed into the concentrate side of the separator to remove the contaminants.

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